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**(54) WATER PEST
CONTROL AGENT**

(57) Abstract:

PURPOSE: To provide a water pest control agent containing a benzoxathiol compound as an active ingredient, free from the problems on the fields of safety, hygiene and environment, namely low in toxicity and residual property, not affecting ecological systems and working environments, and having its effect for a long period.

CONSTITUTION: The water pest control agent contains on or more kinds of benzoxathiol compounds of formula I (R1-R4 are H, halogen, OH, alkyl, alkenyl, alkoxy, acyl, acyloxy) (e.g. 5-methylbenzoxathiol-2-one or 5-nonylbenzoxathiol-2-one of formula II) as an active ingredient. The benzoxathiol compound of formula I can simply be synthesized by heating a corresponding substituted phenol compound together with a thiocyanate salt with stirring. Damages caused by the

adhesion and propagation of pests in sea water or industrial water systems can be prevented with the control agent over a long period of time.

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